

ABSTRACT**METHOD FOR MANUFACTURING THIN-FILM MAGNETIC HEAD SLIDERS**

5 A method for manufacturing thin-film magnetic head sliders is disclosed. Initially, an elastic layer, which may be made of poly-dimethyl siloxane (PDMS), is spun on a wafer and is thermally cured. Then, a resist layer is spun on the elastic layer. Both the resist layer and the elastic layer are subsequently peeled off together from the wafer. Next, the peeled resist layer/elastic layer is applied onto a group of magnetic heads with the resist layer in direct contact with the magnetic heads. Finally, the elastic layer is peeled 10 off from the resist layer such that the resist layer remains attaching to the magnetic heads.